GRUNDIG

# COLOR TELEVISION

## SEDANCE 72

M 72-2110 MV/DOLBY

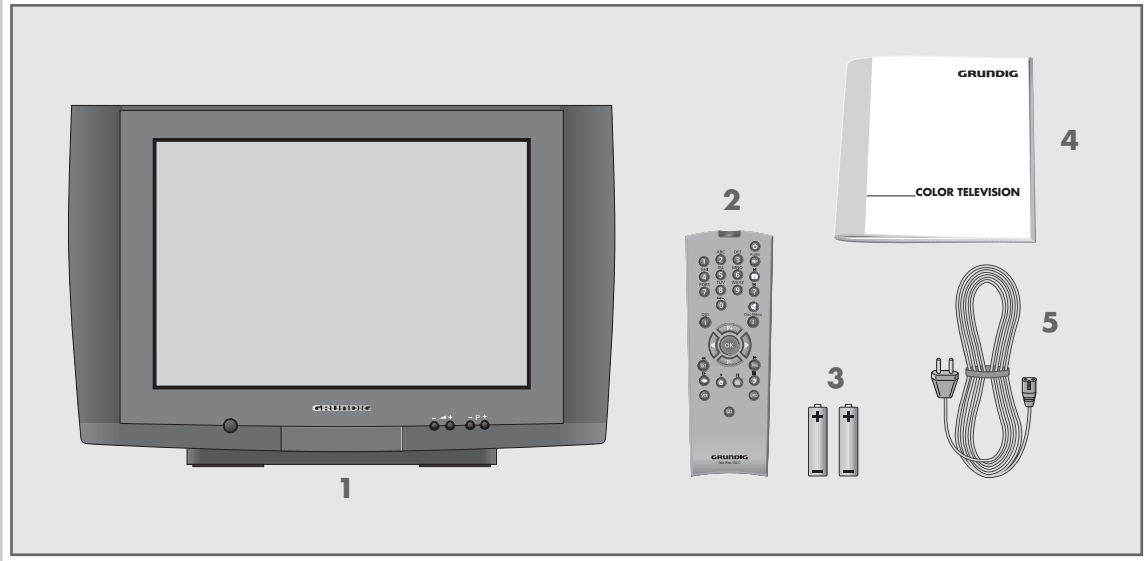
ENGLISH

DOLBY SURROUND VIRTUAL

21990-941.1500

# SEDANCE 72 M72-2110 MV/DOLBY

## Scope of delivery




**1** TV set
**2** Remote control
**3** 2 batteries, 1.5 V–, Mignon type
**4** User manual
**5** Mains cable

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# SPECIAL FEATURES

## Technology

72 cm colour picture tube (visible picture: 68 cm);
100 Hertz technology.

## GRUNDIG Megalogic

Megalogic possibilities:
– Perfect communication with a Megalogic video recorder. No troublesome programming of channel positions.
– By starting playpack on the video recorder, the video programme position on the TV set will be automatically selected.

## Equipment

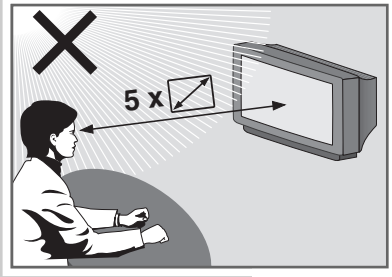
Virtual Dolby Surround *;
Megatext level 2.5;
Easy Dialog System;
TV-Guide;
Alphanumeric channel position selection.

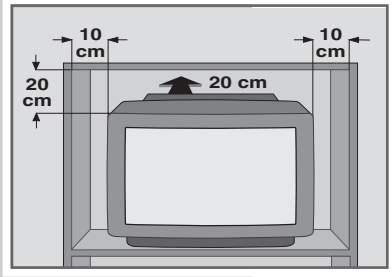
## Retrofit options

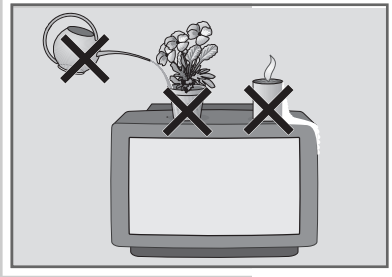
VGA interface for connecting a PC;
PIP - picture-in-picture;
internal satellite receiver.

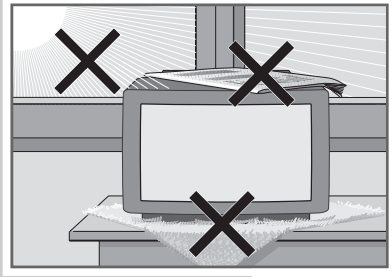
* Under license from Dolby Laboratories Licensing Corporation.
DOLBY and the double-D symbol ◻◻ are trademarks of Dolby Laboratories Licensing Corporation.

# INSTALLATION AND SAFETY





In order to assure that this high-quality and easy-to-use TV set will be able to provide you with good service and pleasure for a long time to come, it is important that you observe the following points when installing the set.

This set has been designed for the reception and reproduction of picture and sound signals.
Any other use is explicitly forbidden.

The ideal viewing distance from the screen is 5 times the diagonal width of the screen.
External light shining on the screen adversely affects picture quality.

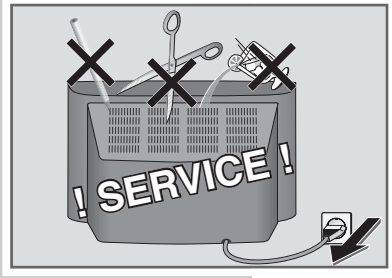
Assure that there is enough space inside a cabinet.

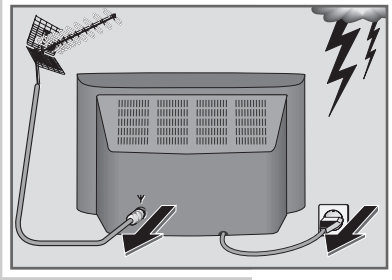
The TV set is designated for operation in dry rooms. Should you nevertheless operate it outside, make absolutely sure that it is protected against dampness (rain, water splashes). Never expose the TV set to any sort of moisture.

Do not place vessels filled with fluid (vases or similar things) on the TV set. The vessel may tip over and the fluid may adversely affect electrical safety.
Put the TV set on an even and hard surface. Do not place objects (for example, newspapers) on the TV set or place the set on a cloth cover, etc.

Do not place the TV set close to the heating or in direct sunshine as it could overheat.
Heat build-up can be dangerous and is detrimental to the service life of the equipment. From time to time, have a technician come to clean the inside of the set.
Keep the TV set away from magnetic fields (for example stereo speakers).

# INSTALLATION AND SAFETY



Do not open the TV set under any circumstance. The manufacturer will offer no liability for damage resulting from unauthorized tampering.

Be sure that the mains cable is not damaged at any time.

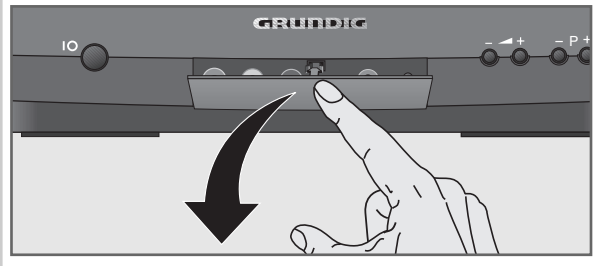
Storms represent a danger for every type of electrical device. Even if the set is switched off, it could be damaged by a lightning strike hitting the mains and/or the aerial lead. Therefore, always disconnect the mains plug and aerial plug when there is a storm.

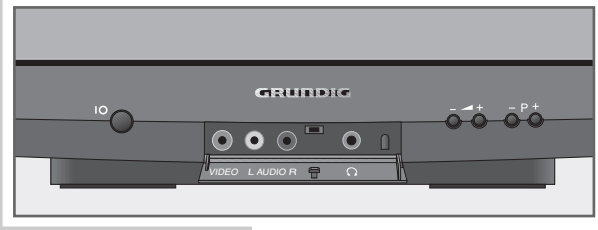
When cleaning the screen, use only a soft, damp cloth. Use only clean water.

This TV set combines technology and ecology in a well thought-out overall concept. Only ecologically high-quality materials are used. The packaging is made almost entirely of 100% recycled paper, and the portion of plastic has been reduced to a minimum. The batteries supplied have no mercury or cadmium. The number of plastic types has been reduced in order to ensure high-quality recycling when the set is put out of use – all larger plastic parts are marked.
To facilitate maintenance work and recycling, this TV set is easy to disassemble.

# AT A GLANCE

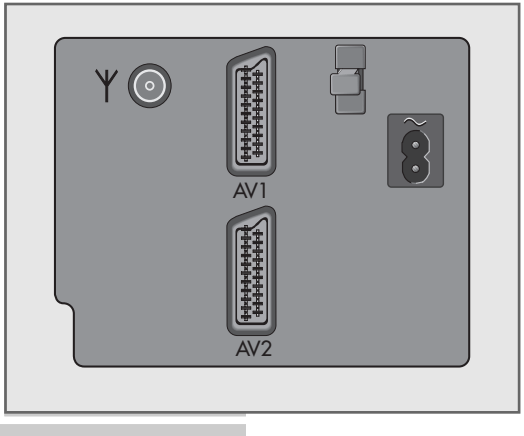
## The front of the TV set




| | |
|---|---|
| **IO** | Switches the TV set on/off.<br>An LED indicates the current operating mode.<br>**Green** = Operation.<br>**Yellow** = Standby (TV-GUIDE mode, copy mode, Timer mode).<br>**Red** = Standby (power saving mode, timer programmed). |
| **– ◢ +** | Volume |
| **– P +** | Channel selection |
| **VIDEO IN** | Video signal input |
| **L AUDIO IN R** | Audio signal input |
| ☊ | Headphones connector |

## The connectors at the rear of the TV set



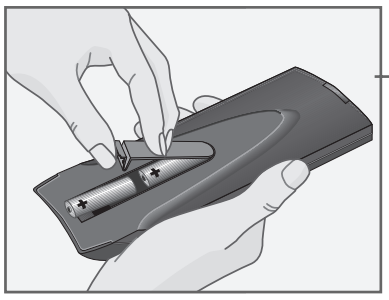

| | |
|---|---|
| ⅄ | Aerial socket |
| **AV 1** | Euro/AV socket |
| **AV 2** | Euro/AV socket |
| ~ | Mains cable to wall outlet |
| | Service socket for the specialized dealer (below the cover.) |

## The remote control

| | |
|---|---|
| ⏻ | Switches the TV set off (standby). |
| **PIP** | TV picture in teletext mode. |
| ⛶ | Picture format switching. |
| **?** | Displays the index A-Z. |
| **1 ... 0** | Channel selection and switching on from standby, alphanumeric channel selection (see page 12), entry of teletext page numbers. |
| 🔇 | Sound on/off (mute) |
| **i** | Calls up the »Easy Dialog« menu. |
| **Z** | Zap function (see page 11). |
| **P+, P-** | Switching on from standby, step-by-step channel selection, cursor up/down. |
| ◀ ▶ | Volume, cursor to the left/right. |
| **OK** | Changes and activates various functions. |
| **TXT** | Teletext mode/TV mode. |
| **TV-G** | TV-Guide, info about current programme. |
| 👁 | Calls up the »PICTURE« menu. |
| 🕒 | Clock time and channel position information on/off. |
| ⏸ | Still picture. |
| 👂 | Calls up the »SOUND« menu. |
| **VCR/SAT/ DVD** | To operate a GRUNDIG video recorder, satellite receiver, DVD player press the »»**VCR**«, »**SAT**« resp. »**DVD**« button and hold it down. Then press the desired button. |

Which functions can actually be controlled depends of course of the equipment of the connected unit. Just try it out.

## Putting batteries into the remote control



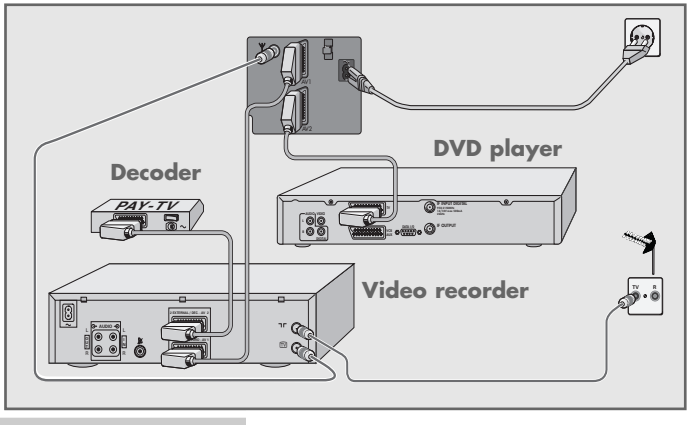
1 Open the battery compartment by pulling off the cover.

2 Insert the batteries (Mignon, e.g. UM 3 or AA, 2x 1.5V) observing correct polarity.

**Note:**
If your television does not react to the remote control commands correctly, then the batteries could be used up. Remove empty batteries. There is no liability for damage caused by leaking batteries.

**Environmental note:**
The batteries – even those free of heavy metals – cannot be disposed of in normal household rubbish. Used batteries must be disposed of in used battery collection containers in businesses or be taken to public waste disposal facilities.

## Sample connection with video recorder, DVD player and decoder




**Note:**
The units to be conneccted must be set up in the »Installation« menu under the »Decice sockets« menu item.
See page 10 and onwards to see how to use the Easy Dialog System.

If your video recorder is equipped with Megalogic functions, it must be connected to the »AV 1« socket of the TV set with the AV-EURO cable which was included with the video recorder.

## Programming TV channels

The TV set is equipped with the automatic tuning system "ATS euro plus" which carries out the channel position assignment for you.

1. After switching on the TV set, select the »English« dialog language with »**P +**, **P -**« then confirm with »**OK**«.

2. Select your country (place of installation) with »**P +**, **P -**« then confirm with »**OK**«.

   The automatic tuning system is started. Depending on the number of channels which can be received, the search can take one minute and more.

3. When the automatic allocation of the channel positions is completed, the »Easy Dialog tips« menu appears. Via this menu you may learn how to operate your TV set.

4. Select the desired menu item with »**P -**« then press »**OK**« to call it up.

5. To switch the set to TV mode, select »TV» with »**P +**, **P -**« then confirm with »**OK**«.

# EASY DIALOG SYSTEM

## The Easy Dialog System

Your TV set is equipped with the »GRUNDIG Easy Dialog System«.
That means that operating instructions are not, as is usual, in a printed manual, but rather appear on the screen as dialogue fields.

## The »Easy Dialog« menu

The »Easy Dialog« menu is the control centre for your TV set.
Here you can make a variety of settings, call up information, and get specific help for operating your television (e.g. info about the remote control, a list of key words A-Z).
Just try it out. You can't do anything wrong.

– At every step of operation, the dialog box shows which buttons can be used to carry out particular functions.

## Using the Easy Dialog system

| | |
|---|---|
| i | Call up and exit the Easy Dialog. |
| 1 ... 0 | Direct call of menu items. |
| P+, P- | Select menu items up/down. |
| ◄ ► | Change settings. |
| OK | Call up functions or confirm the selected function. |
| ? | Call up help text. |
| | Return to preceding menu. |

# ADDITIONAL FUNCTIONS

## Zap function

With this function you may store the current channel position and switch to another one (zap).

**1** Use »**1 ... 0**« or »**P+, P-**« to select the channel position you wish to store in the zap memory (e.g channel position 7, PRO7) then press »**Z**« to store it. On the picture screen appears, for example, »Z 7 PRO7«.

**2** Using »**1 ... 0**« or »**P+, P-**« you now may switch to another channel position.

**3** By pressing »**Z**« you may switch at any time to the stored channel position (PRO7 in the example) and switch back (zap) to the last viewed channel.

**4** Press »**i**« to end the zap function. The on-screen display disappears.

## Alphanumeric channel selection

You may select the channel positions directly by entering the channel name (e.g. ARD). For this, letters are assigned to the numeric buttons »**2 ... 0**«. Up to four letters can be assigned.

**1** Use »**2 ... 0**« to enter the first letter of the channel name (e.g. »**2**« for the letter A). A list of all TV channels beginning with the letters »A«, »B«, or »C« appears on the picture screen.

Every entry of a further letter confines the list of channel names.

**2** Use »**P+, P-** « to select the desired channel in the list then press »**OK**« to call it up.

**Note:**
Three methods are possible for selecting a channel position:

1. Letter entry off: The channels are only selected by entering digits.

2. Letter entry on: The channels are only selected by entering alphanumeric characters.

3. Mix: When entering a digit, the TV set switches automatically to the corresponding channel position and the channel list for assigning letters is displayed.
Example: Press »3«. The TV set switches to channel position 3 (e.g. BR3), in addition a list of the channels beginning with »D«, »E«, or »F« is displayed.

The channel selection mode is selected in the »Installation« menu under the »Special functions« menu item. See also the notes in the Easy-Dialog system.

# CUSTOMER INFORMATION

## Technical data

| | |
|---|---|
| Mains voltage: | 220 – 240 V, 50/60 Hz,<br>(control range of the power supply unit 190 … 264 V) |
| Power consumption: | in operation 115 W, in standby 1 W |
| Audio output stage: | 2 x 20 Watt music power (2 x 10 Watt sine power) |
| Reception ranges: | C01 … C99, special channels S01 … S41 |

## Service hints for the specialized dealer

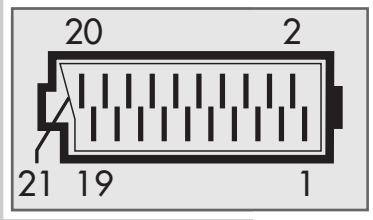
CE

The TV set may be operated only with the mains calbe set supplied. It prevents mains interference and is an integral part of the appliance approval. For replacement purposes, please order only the mains cable set with the designation "GWN 9.22/part number 8290.991-316" from an approved after-sales service.

The product meets the requirements of the following EU guidelines: 73/23/EEC guideline on electrical equipment for use with certain voltage limits. 89/336/EEC guideline on electromagnetic compatibility.

The appliance complies with the standards: EN 60065, EN 55013, EN 55020

## Pin assignment for the EURO-AV socket 1




| Pin | | Signal | Pin | | Signal |
|---|---|---|---|---|---|
| 1 | = | audio output right | 12 | = | – |
| 2 | = | audio input right | 13 | = | red ground |
| 3 | = | audio output left | 14 | = | ground |
| 4 | = | audio ground | 15 | = | RGB red input, (S-Video = chroma) |
| 5 | = | blue ground | 16 | = | RGB switching voltage |
| 6 | = | audio input left | 17 | = | video ground |
| 7 | = | RGB blue input | 18 | = | RGB switching voltage ground |
| 8 | = | switching voltage | 19 | = | video output |
| 9 | = | green ground | 20 | = | video input (S-Video = luminance) |
| 10 | = | data line (MEGALOGIC) | 21 | = | shielding/ground |
| 11 | = | RGB green input | | | |

# CORRECTING PROBLEMS YOURSELF

If the remedies below do not lead to a good result, contact an authorised GRUNDIG dealer.
Please consider that problems can also be caused by external appliances, such as video recorders and satellite receivers.

| Problem | Possible cause | Remedy |
|---|---|---|
| When switching on the TV set for the first time, the menu for selecting the language not displayed. | Some of the TV channels have already been set | ATS RESET: Turn off your TV set using the main power button **L+** and press main power and turn is not displayed button at the same time and turn TV set on and off again. Then turn your TV seton again. |
| Bright screen(noise or blue) but no programme visible. | Aerial cable. | Aerial cable connected? Check aerial system. |
| Low picture contrast. | Incorrect picture settings. | Change brightness, contrast, or colour settings. |
| | Problem is with the broadcaster. | Test another channel. |
| No colour | Colour intensity is on minimum. | Adjust color upward. |
| | TV standard setting (if setting possibility is available). | Select proper colour standard. |
| | problem is with the broadcaster | Test another channel. |
| Colours wrong, colour spots. | Strong magnetic field from speakers (or other). | Increase distance of speaker to TV set.<br>With permanent colour spots, switch off the TV set with the mains switch and switch back on after 10 minutes |
| | Terrestrial magnetic field interference | Change position of unit. |
| Sound unclear | Sound setting. | Correct sound setting. |

# CORRECTING PROBLEMS YOURSELF

| Problem | Possible cause | Remedy |
|---|---|---|
| Double image, reflection. | Channel setting | Automatic or manual channel setting/fine tuning |
| | Aerial | Have aerial cable or device checked |
| Picture is there, no sound. | Volume at minimum or speakers switched off. | Increase/switch on volume. |
| | Volume regulation activated via audio cinch socket (if this possibility is available). | Select sound output via speaker. |
| | Problem is with the broadcaster. | Test another channel. |
| Poor picture, poor sound. | Incorrect picture and sound settings. | Set picture and sound, call up factory presettings by pressing »i«, »👁«, «OK« at the same time. |
| Poor or no Teletext. | TV channel (has no Teletext) or check aerial system. | Check with another channel, possibly double image or reflection, or fine tuning. |
| | transmission signal too weak (picture noisy). | Check aerial system. |
| Remote control does not work. | No optical connection. | Point remote control at the TV set. |
| | Remote control batteries. | Check or replace the batteries, pay attention to polarity. |
| Picture is dark, TV set has switched itself off | undefined operating status | Turn your TV set off for approx. 2 min. using the main power button |
| After switching on, "child lock" appears on the menu. | Child lock is activated. | Enter secret number or number combination 7038580. |
| Wrong menu language. | Wrong menu language selected. | Call up the »Language« menu by pressing »i«, »5«, «1« at the same time and select correct language. |

## Additional Information for units sold in the UK.

Units sold in the UK are suitable for operation from a 240V ac, 50Hz mains supply.
The range of multi-system receivers is built to work in most European countries. However, the mains plug and socket system for the UK differs from many European countries.
This appliance has been supplied with a fitted, non-removable, approved converter plug for use in the UK. This converter plug is fitted with a 5A rated fuse.

In case this appliance is supplied with a moulded 2-pin Euro plug only, which is unsuitable for UK operation, this must be cut off and immediately disposed of. An approved 13A, 3-pin UK plug should then be fitted by a qualified electrician.

**Note:**
The severed Euro plug must be destroyed to avoid a possible shock hazard should it be inserted into a socket elsewhere.

If a non-rewireable 3-pin plug or a rewireable 13A (BS1363) 3-pin plug is used, it must be fitted with a 5A ASTA or BSI approved BS1362 fuse. If any other type of plug is used it must be protected by a 5A fuse either in the plug, or at the distribution board. If this type of plug becomes defective, ensure that the fuse is removed before disposal, to eliminate potential shock hazard.

If it is necessary to change the fuse in the non-rewireable plug, the correct type and rating (5A ASTA or BSI approved BS1362) must be used and the fuse cover must be refitted. If the fuse cover is lost or damaged, the lead and plug must not be used until a replacement is obtained. Replacement fuse covers should be obtained from your dealer.

**Important:**
The wires in the mains lead are colour coded in accordance with the following code:

BLUE – NEUTRAL
BROWN – LIVE

As the colours of the wires in the mains lead of your appliance may not correspond with the coloured marking identifying terminals in your plug, proceed as follows:

Connect the BLUE coloured wire to plug terminal marked with the letter "N" or coloured black.
Connect the BROWN coloured wire to the plug terminal marked with the letter "L" or coloured red.
In no circumstance must any of the wires be connected to the terminal marked with the letter "E", earth symbol "⏚", coloured green, or green & yellow.

Replacement mains lead sets can be obtained from your local dealer, or by contacting Grundig Consumer Relations (01788 570088)
Moulded 2-pin Euro lead set, not suitable for UK use:
Ref: Leadset Euro 8290-991-316